

Converting Colors

Decimal(7706309)

Have a look what the booklet for
Decimal(7706309) contains.

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Color

Decimal(7706309)

Conversions

Conversions Part 1

Format	Color
Hex	7596C5
RGB	117, 150, 197
RGB Percent	46%, 59%, 77%
CMY	0.5412, 0.4118, 0.2275
CMYK	0.41, 0.24, 0.00, 0.23
HSL	215°, 41%, 62%
HSV	215°, 41%, 77%
XYZ	28.3205, 29.6258, 57.0490
YIQ	145.4910, -34.7550, 7.6210

Conversions

Conversions Part 2

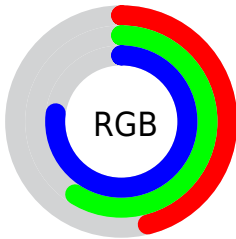
Format	Color
R _Y B	117, 140, 197
Decimal	7706309
CIE Lab	61.33, 0.64, -27.91
CIE LCh	61, 27.915, 271.310
Yxy	29.6258, 0.2463, 0.2576
Android (android.graphics.Color)	4285896389 (0xFF7596C5)
YUV	145.4910, 25.3939, -24.9866
Hunter-Lab	54.4296, -2.3757, -24.0426

Details

The Decimal color **7706309** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12952693**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **11324670**, and **4219791** is the 20% darker color. If you saturate the color by 10%, you get **6392517**, and if you desaturate by 10%, it is **9020101**.

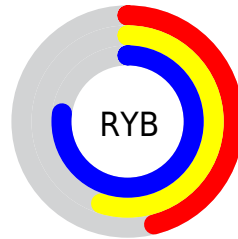
Distribution



Red (46%)

Green (59%)

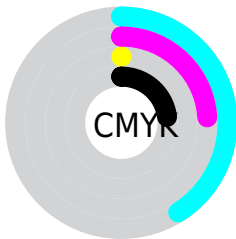
Blue (77%)



Red (46%)

Yellow (55%)

Blue (77%)

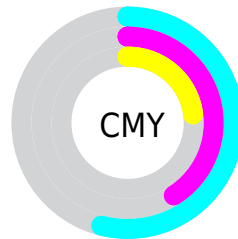


Cyan (41%)

Magenta (24%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (41%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7706309 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 7706309 by changing the saturation by 10% instead.

■ 7706309

■ 7706309

16777215

■ 5930154

■ 11324670

■ 4219791

■ 13166847

■ 2378869

■ 15073279

■ 13660

■ 8261

■ 2094

■ 281

■ 0

■ 7706309

■ 7706309

6392517

9020101

5144517

10268101

3830725

11581893

2517189

12895429

1203397

14209221

20933

15457221

16771013

16774085

16776901

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5414335



7706309



10063294

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7706309



12878972



7184252

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7706309



12952693

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9083497



7706309



12159594

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7706309



12812948



10785635



5415572

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7706309



11372723



10785635



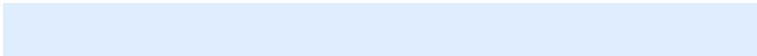
7839348

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7706309



14740991



7718308



7239040



0



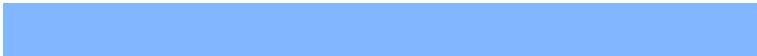
8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7706309



8566527



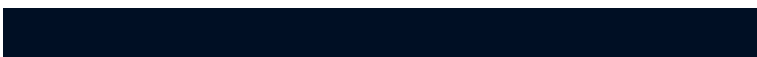
8156613



5922403



17315



3876

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12940694



16745142



12502389



6511198



10682435



2359311

Previews

White Background



This preview shows how the Decimal color 7706309 looks on a white background.

Color Contrast Check

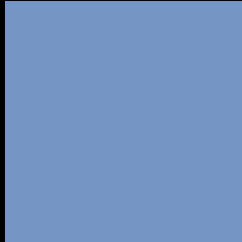
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 7706309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

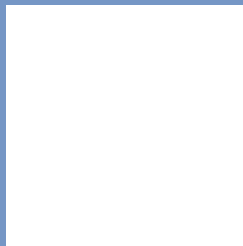
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 7706309 Background



This preview shows how black text looks on a background with the Decimal color 7706309.




This preview shows how white text looks on a background with the Decimal color 7706309.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

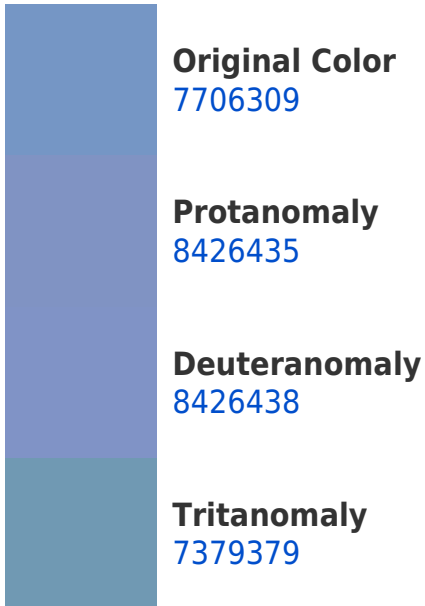
Dichromacy





Tritanopia
7183272

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7706309 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7596C5 looks like.

```
.text, #text, p{  
    color:#7596C5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7596C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7596C5
}
```

Border

The CSS property to change the border of an element to Decimal 7706309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7596C5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7596C5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7596C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7596C5; -webkit-box-shadow:4px 4px  
4px 4px #7596C5; box-shadow:4px 4px 4px  
4px #7596C5 }
```

Background

The CSS property to change the background color of an element to Decimal 7706309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7596C5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7596C5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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